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DCM2068



User Manual

PHILIPS

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1 Important



Warning

- Never remove the casing of this micro system.
 - Never lubricate any part of this system.
 - Never place this system on other electrical equipment.
 - Never look into the laser beam inside this system.
 - Keep this system away from direct sunlight, naked flames or heat.
 - Make sure that you always have easy access to the power cord, plug or adaptor to disconnect the system from the power.
-
- Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
 - Battery usage CAUTION – To prevent battery leakage which may result in bodily injury, property damage, or damage to the remote control:
 - Install all batteries correctly, + and - as marked on the remote control.
 - Do not mix batteries (old and new or carbon and alkaline, etc.).
 - Remove batteries when the remote control is not used for a long time.
 - Make sure that there is enough free space around the product for ventilation.
 - The system shall not be exposed to dripping or splashing.
 - Do not place any sources of danger on the system (e.g. liquid filled objects, lighted candles).
 - Where the plug of the Direct Plug-in Adapter is used as the disconnect device, the disconnect device shall remain readily operable.



Caution

- To prevent possible hearing damage, do not listen at high volume levels for long periods. Set the volume to a safe level. The louder the volume, the shorter is the safe listening time.

Be sure to observe the following guidelines when using your headphones.

- Listen at reasonable volumes for reasonable periods of time.
- Be careful not to adjust the volume continuously upwards as your hearing adapts.
- Do not turn up the volume so high that you can't hear what's around you.
- You should use caution or temporarily discontinue use in potentially hazardous situations.
- Excessive sound pressure from earphones and headphones can cause hearing loss.

Hearing safety



2 Your Micro System

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.

Introduction

With this micro system, you can:

- enjoy audio from discs, iPod/iPhone/iPad, USB devices, and other external devices;
- listen to FM radio

You can enrich sound output with these sound effects:

- Digital Sound Control (DSC)
- Dynamic Bass Boost (DBB)

The micro system supports these media formats:



What's in the box

Check and identify the contents of your package:

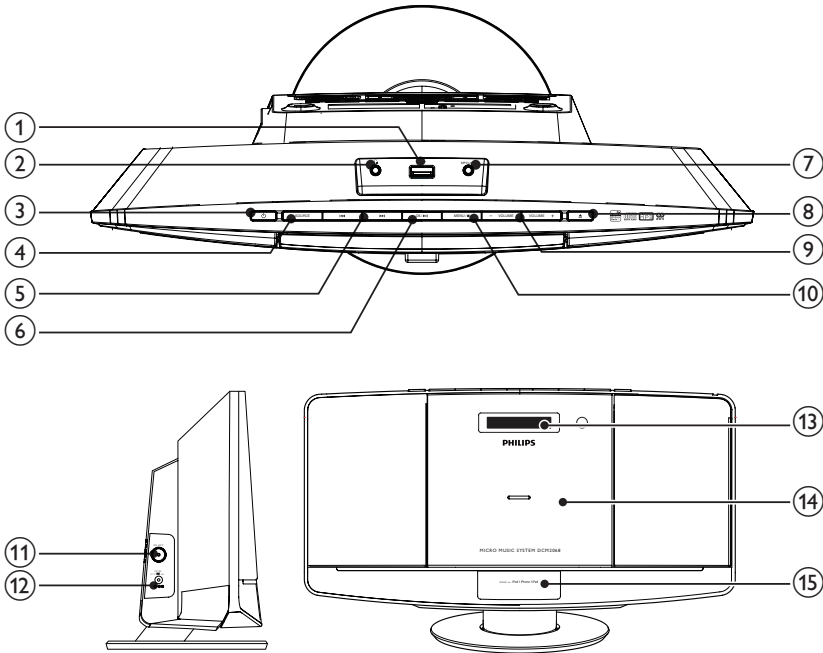
- Main unit
- Remote control (with battery)
- Power adapter
- Mounting kit (2 dowels and 2 screws)
- FM antenna
- Short user manual
- Safety & notice leaflet
- Wall mounting instructions

If you contact Philips, you will be asked for the model and serial number of this apparatus. The model number and serial number are on the bottom of the apparatus. Write the numbers here:

Model No. _____

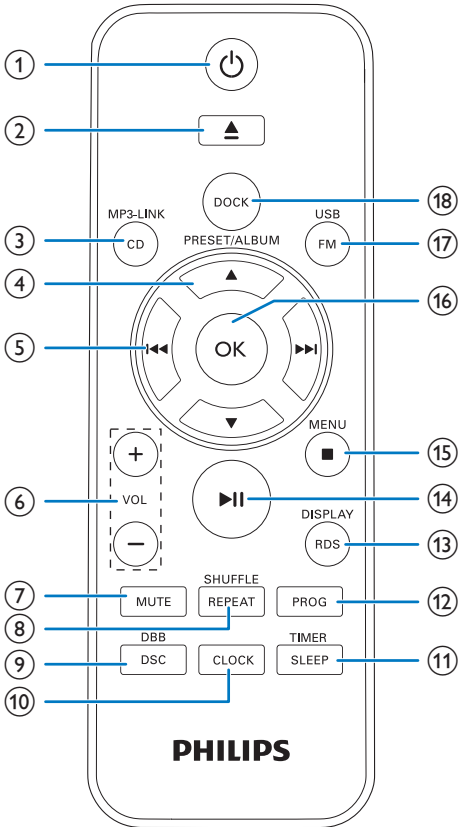
Serial No. _____

Overview of the main unit



- ①
 - Connect a USB storage device.
- ②
 - Headphone socket.
- ③
 - Turn the micro system on.
 - Switch the system to standby mode.
- ④ **SOURCE**
 - Select a source: CD, FM, USB, Dock, or MP3 LINK.
- ⑤
 - Skip to the previous or next track.
 - Search within a track or disc.
 - Tune to radio stations.
 - Adjust time.
- ⑥ **OK/**
 - Confirm a selection.
 - Start or pause play.
- ⑦ **MP3-LINK**
 - Connect an external audio device.
- ⑧
 - Open or close the disk tray.
- ⑨ **VOLUME + / -**
 - Adjust volume.
- ⑩ **MENU/**
 - Access iPod/iPhone/iPad menu.
 - Stop play or erase a program.
- ⑪ **FM ANT**
 - Improve FM reception.
- ⑫ **DC IN**
 - Connect power.
- ⑬ **Display panel**
 - Show play information.
- ⑭ **Disc tray**
- ⑮ **DOCK for iPod/iPhone/iPad**

Overview of the remote control



- ① **Power**
 - Turn the micro system on.
 - Switch the system to standby mode.
- ② **▲**
 - Open or close the disc tray.
- ③ **CD/MP3-LINK**
 - Select CD or MP3 link source.
- ④ **▲ / ▼**
 - Select a preset radio station.
 - Skip to the previous or next album.
 - Scroll through the iPod/iPhone/iPad menu.

- ⑤ **◀◀ / ▶▶**
 - Skip to the previous or next track.
 - Search within a track or disc.
 - Tune to radio stations.
 - Adjust time.
- ⑥ **VOL +/-**
 - Adjust volume.
- ⑦ **MUTE**
 - Mute or resume sound.
- ⑧ **REPEAT/SHUFFLE**
 - Play a track or all tracks repeatedly.
 - Play tracks in current album repeatedly.
 - Play tracks randomly.
- ⑨ **DBB/DSC**
 - Select a preset sound setting.
 - Turn dynamic bass enhancement on or off.
- ⑩ **CLOCK**
 - Set time.
- ⑪ **SLEEP/TIMER**
 - Set sleep or alarm timer.
- ⑫ **PROG**
 - Program tracks.
 - Program radio stations.
- ⑬ **RDS/DISPLAY**
 - For FM radio stations with RDS signals: display RDS information.
 - Show time and play information.
- ⑭ **▶▶**
 - Start or pause play.
- ⑮ **MENU/■**
 - Access iPod/iPhone/iPad menu.
 - Stop play or erase a program.
- ⑯ **OK**
 - Confirm a selection.
- ⑰ **FM/USB**
 - Select FM or USB source.
- ⑱ **DOCK**
 - Select iPod/iPhone/iPad source.

3 Get started



Caution

- Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

Always follow the instructions in this chapter in sequence.

Placement

You can place the system on a flat surface or mount it on a wall.

Mount on a wall

See the wall mounting instructions included in the package.

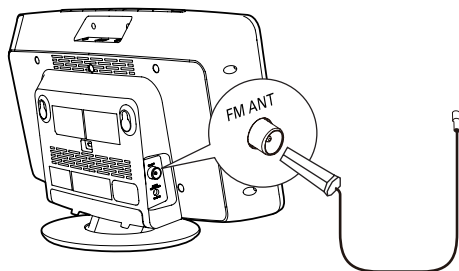
Connect FM antenna



Tip

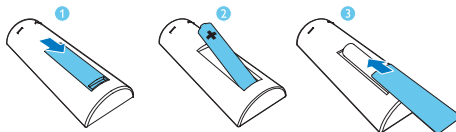
- For optimal reception, fully extend and adjust the position of the antenna.

Insert the supplied FM antenna into the **FM ANT** socket on the main unit.



Prepare the remote control

- 1 Open the battery compartment.
- 2 Insert 1 AAA batteries with correct polarity (+/-) as indicated.
- 3 Close the battery compartment.



Connect power



Caution

- Risk of product damage! Make sure that the power supply voltage corresponds to the voltage printed on the back of the system.
- Risk of electric shock! When you unplug the AC power adapter, always pull the plug from the socket. Never pull the cord.
- Before connecting the AC adapter, make sure that you have completed all other connections.

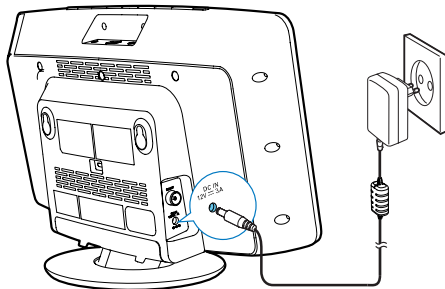


Note

- The type plate is located on the back of the system.

Connect the power adapter to:

- the **DC IN** socket on the system.
- the wall outlet.



Store FM radio stations automatically

When you connect AC power and no FM stations are stored, the system prompts you to search and store all the available FM stations.

- 1 Connect the system to the power supply.
 - ↳ [AUTO INSTALL - PRESS PLAY, STOP CANCEL] (to auto install, press ►||; to cancel, press ■) is displayed.
- 2 Press ►|| to start full scan.
 - ↳ The system automatically stores FM radio stations with sufficient signal strength.
 - ↳ The first preset station is broadcast automatically.



Tip

- To exit storing mode, press ⏻ or ■

Set clock

- 1 In standby mode, press and hold **CLOCK** on the remote control for two seconds.
 - ↳ [SET CLOCK] (set clock) scrolls on the display.
- 2 Press ◀◀/ ▶▶ repeatedly to select whether to synchronize time with RDS stations.
 - [RDS TIME SYNC [Y]]: synchronize time with RDS stations automatically.
 - [RDS TIME SYNC [N]]: deactivate time synchronization.
- 3 Press **CLOCK** to confirm.
 - ↳ The 12/24 hour format blinks.
- 4 Repeat steps 2-3 to set the hour format, hour and minute in sequence.



Note

- The accuracy of the transmitted time depends on the RDS station that transmits the time signal.
- If the system is idle for 90 seconds, it exits clock setting mode automatically.

Turn on

Press ⏻.

- ↳ The system switches to the last selected source.



Tip

- To select another source, press **SOURCE** repeatedly or the source selection buttons on the remote control.

Switch to standby mode

Press ⏻ to switch the system to standby mode.

- ↳ The clock (if set) appears on the display panel.

4 Play

Play from iPod/iPhone/iPad

You can enjoy audio from iPod/iPhone/iPad through this system.

Compatible iPod/iPhone/iPad

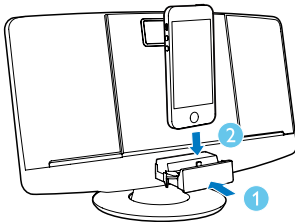
The system supports the following iPod, iPhone and iPad models:

Made for:

- iPod touch (5th generation)
- iPod nano (7th generation)
- iPhone 5
- iPad 4
- iPad mini

Load the iPod/iPhone/iPad

- 1 Push the dock compartment to open it.
- 2 Place the iPod/iPhone/iPad in the dock.



Note

- Remove the protective case before you dock the iPad 4 or iPad mini.

Listen to the iPod/iPhone/iPad

Note

- Make sure that the iPod/iPhone/iPad is loaded correctly.

- 1 Press **SOURCE** repeatedly or **DOCK** on the remote control to select iPod/iPhone/iPad source.
- 2 Play tracks on the iPod/iPhone/iPad.
 - To pause or resume play, press **▶||**.
 - To skip to a track, press **◀◀ / ▶▶**.
 - To search during play, press and hold **◀◀ / ▶▶**, then release to resume normal play.
 - To go back to the previous iPod/iPhone/iPad menu, press **MENU**.
 - To scroll through the menu, press **▲ / ▼**.
 - To confirm a selection, press **OK**.

Remove the iPod/iPhone/iPad

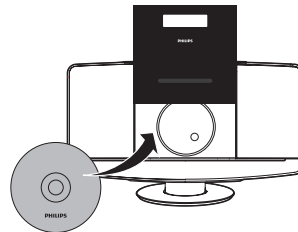
Pull the iPod/iPhone/iPad out of the dock.

Charge the iPod/iPhone/iPad

When the system is connected to power, the docked iPod/iPhone/iPad begins to charge.

Play disc

- 1 Press **▲** to open the disc tray.
- 2 Insert a disc with the printed side facing up.



- 3 Press **▲** to close the disc tray.

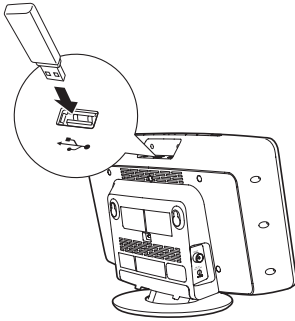
- 4 Press **CD** on the remote control to select the disc source.
 ↳ **[Reading]** (reading) blinks for a moment, then CD starts playing automatically. If not, press **▶II**.

Play from a USB storage device

Note

- Make sure that the USB device contains playable audio content.

- 1 Insert the USB storage device into the  socket.



- 2 Press **USB** on the remote control to select the USB source.
 ↳ Play starts automatically. If not, press **▶II**.

Control play (CD/USB mode)

⏮ / ⏭	Select an audio file; Press and hold to fast forward or fast reverse the track during playback, then release to resume play.
▲ / ▼	For MP3/WMA tracks, select an album or folder.
▶II	Start or pause play.

■	Stop play.
OK	Confirm a selection.
REPEAT/SHUFFLE	[↺] : Play the current track repeatedly. [↺ALB] : (for MP3/WMA only): Play all tracks in this album repeatedly. [↺ALL] : Play all tracks repeatedly. [↻] : Play all tracks randomly. To return to normal play, press REPEAT/SHUFFLE repeatedly until the repeat or shuffle icon disappears.

Program tracks

You can program a maximum of 20 tracks.

- In CD or USB mode, press **■** to stop playback.
- Press **PROG** to activate the programming mode.
 ↳ **[PROG]** (program) is displayed.
- For MP3/WMA tracks, press **▲ / ▼** repeatedly to select an album.
- Press **⏮ / ⏭** repeatedly to select a track, then press **PROG** to confirm.
- Repeat steps 3-4 to program more tracks.
- To play the programmed tracks, press **▶II**.
 ↳ During play, **[PROG]** (program) is displayed.
 - To erase the program, press **■** twice.

Adjust sound

During play, you can adjust volume and select different sound effects.

Key	Function
VOL +/-	Increase or decrease volume.
MUTE	Mute or resume sound.

DBB/DSC Press and hold to turn dynamic bass enhancement on or off.
Press to select a sound effect:
[POP] (pop)
[JAZZ] (jazz)
[ROCK] (rock)
[CLASSIC] (classic)
[FLAT] (flat)

Display different information

During play, press **DISPLAY** repeatedly to view time and different play information.

5 Listen to FM radio

Tune to FM radio stations

Note

- Position the antenna as far as possible from TV, VCR, or other radiation source.
- Make sure that you have connected and fully extended the supplied FM antenna.

- 1 Press **FM** to select FM tuner mode.
- 2 Press and hold **◀◀** or **▶▶** for 3 seconds.
↳ **[SEARCH]** (search) is displayed.
↳ The system tunes to an FM station with strong reception automatically.
- 3 Repeat step 2 to tune to more stations.

To tune to a station with weak signal:

Press **◀◀** or **▶▶** repeatedly until you find good reception.

Program FM radio stations automatically

Note

- You can program a maximum of 20 preset FM radio stations.

In FM tuner mode, press and hold **PROG** for 3 seconds.

- ↳ **[AUTO]** (auto) is displayed.
- ↳ The system stores all the FM radio stations automatically, and then broadcasts the first preset radio station.

Program FM radio stations manually

- 1 In tuner mode, tune to an FM radio station.
- 2 Press **PROG** to activate programming mode.
↳ **[PROG]** (program) blinks.
- 3 Press **▲** or **▼** repeatedly to select a channel number.
- 4 Press **PROG** again to confirm.
- 5 Repeat steps 1-4 to store other FM stations.



Note

- To remove a pre-stored station, store another station in its place.

Select stereo/mono broadcast



Note

- Stereo broadcast is the default setting for tuner mode.
- For stations with weak signals: to improve the reception, change to monaural sound.

In FM tuner mode, press **OK** to switch between mono and stereo broadcast.

Select a preset radio station

In tuner mode, press **▲** or **▼** to select a preset radio station.

Show RDS information

RDS (Radio Data System) is a service that allows FM stations to show additional information.

- 1 Tune to an RDS station.
- 2 Press **RDS** repeatedly to scroll through the following information (if available):
 - ↳ Program service
 - ↳ Program type such as **[NEWS]** (news), **[SPORT]** (sport), **[POP M]** (pop music)...
 - ↳ Radio text message
 - ↳ Time

6 Other features

Set the alarm timer

Note

- Make sure that you have set the clock correctly.

- 1 In standby mode, press and hold **TIMER** until **[SET TIMER]** (set timer) scrolls on the display.
↳ **[SELECT SOURCE]** (select source) is displayed.
- 2 Press **SOURCE** repeatedly or the source selection buttons on the remote control to select an alarm source: disc, FM tuner, iPod/iPhone/iPad, or USB.
- 3 Press **TIMER** to confirm.
↳ The hour digits blink.
- 4 Press **◀** or **▶** to set the hour.
- 5 Press **TIMER** to confirm.
↳ The minute digits blink.
- 6 Repeat steps 4-5 to set the minute and alarm volume.

Tip

- If the system is idle for 90 seconds, it exits alarm setting mode automatically.
- If iPod/iPhone/iPad is selected as alarm source, and you have created a playlist called "PHILIPS" in iTunes and imported it to your iPod/iPhone/iPad, you will wake to a random track in the playlist.
- If no "PHILIPS" playlist is created in the iPod/iPhone/iPad or no track is stored in the playlist, you will wake to your last listened track in the iPod/iPhone/iPad.

To activate or deactivate the alarm timer:

In standby mode, press **TIMER** repeatedly to activate or deactivate the alarm.

- ↳  appears when the alarm timer is activated.

Tip

- If CD, USB, or DOCK is selected as alarm source, yet there is no disc inserted or no USB/iPod/iPhone/iPad connected, the system switches to the tuner source automatically.

Set the sleep timer

Note

- Make sure that you have set the clock correctly.

- When the system is turned on, press **SLEEP** repeatedly to select the sleep timer period (in minutes).
↳ If the sleep timer is activated, **zZ** is displayed.

To deactivate the sleep timer:

- Press **SLEEP** repeatedly until **[OFF]** (off) is displayed.

Play from an external device

With this system, you can play audio from an external audio device like MP3 player:

- 1 Connect an MP3 link cable to:
 - the **MP3-LINK** socket on the system.
 - the headphone socket on an external device.
- 2 Press **CD/MP3-LINK** repeatedly to select the MP3 link source.
- 3 Play the external audio device (see the user manual of the device).

Listen through the headphone

Plug a headphone into the  socket on the system.

7 Product information

Note

- Product information is subject to change without prior notice.

Specifications

Amplifier

Max Output Power	2 x 10 W
Frequency Response	63 -14000 Hz, -3 dB
Signal to Noise Ratio	> 57 dBA
Total Harmonic Distortion	<1%
MP3 Link Input	650 mV RMS

Disc

Laser Type	Semiconductor
Disc Diameter	12 cm/8 cm
Support Disc	CD-DA, CD-R, CD-RW, MP3-CD, WMA-CD
Total Harmonic Distortion	<1 %
Frequency Response	63 -14000 Hz, -3 dB
S/N Ratio	>57 dBA

Tuner (FM)

Tuning Range	87.5 - 108 MHz
Tuning Grid	50 KHz
Sensitivity	
- Mono, 26dB S/N Ratio	<22 dBf
- Stereo, 46dB S/N Ratio	<43 dBf
Total Harmonic Distortion	<3%
Signal to Noise Ratio	>50 dBA

General information

AC Power	Model: AS360-120-AE300; Input: 100 - 240V ~, 50/60 Hz, 1.2 A; Output: 12V = 3 A
Operation Power Consumption	25 W
Standby Power Consumption	< 1 W
Dimensions - Main Unit (W x H x D)	400 x 235 x 98 mm
Weight - Main Unit	2.2 kg

USB playability information

Compatible USB devices:

- USB flash memory (USB1.1)
- USB flash players (USB1.1)
- memory cards (requires an additional card reader to work with this unit)

Supported formats:

- USB or memory file format: FAT12, FAT16, FAT32 (sector size: 512 bytes)
- MP3 bit rate (data rate): 32-320 Kbps and variable bit rate
- WMA v9 or earlier
- Directory nesting up to a maximum of 8 levels
- Number of albums/ folders: maximum 99
- Number of tracks/titles: maximum 999
- ID3 tag v2.0 or later
- File name in Unicode UTF8 (maximum length: 16 bytes)

Unsupported formats:

- Empty albums: an empty album is an album that does not contain MP3/WMA files, and is not be shown in the display.
- Unsupported file formats are skipped. For example, Word documents (.doc) or MP3 files with extension .dlf are ignored and not played.
- AAC, WAV, PCM audio files

- DRM protected WMA files (.wav, .m4a, .m4p, .mp4, .aac)
- WMA files in Lossless format

Supported MP3 disc formats

- ISO9660, Joliet
- Maximum title number: 999 (depending on file name length)
- Maximum album number: 99
- Supported sampling frequencies: 32 kHz, 44.1 kHz, 48 kHz
- Supported Bit-rates: 32~320 (kbps), variable bit rates

8 Troubleshooting



Warning

- Never remove the casing of this device.

To keep the warranty valid, never try to repair the system yourself.

If you encounter problems when using this device, check the following points before requesting service. If the problem remains unsolved, go to the Philips Web page (www.philips.com/support). When you contact Philips, make sure that the device is nearby and the model number and serial number are available.

No power

- Ensure that the AC power cord of the unit is connected properly.
- Ensure that there is power at the AC outlet.
- As a power-saving feature, the system switches off automatically 15 minutes after track play reaches the end and no control is operated.

No sound or poor sound

- Adjust the volume.
- Disconnect the headphones.

No response from the unit

- Disconnect and reconnect the AC power plug, then turn on the unit again.
- As a power-saving feature, the system switches off automatically 15 minutes after track play reaches the end and no control is operated.

Remote control does not work

- Before you press any function button, first select the correct source with the remote control instead of the main unit.
- Reduce the distance between the remote control and the unit.
- Insert the battery with its polarities (+/– signs) aligned as indicated.

- Replace the battery.
- Aim the remote control directly at the sensor on the front of the unit.

No disc detected

- Insert a disc.
- Check if the disc is inserted upside down.
- Wait until the moisture condensation at the lens has cleared.
- Replace or clean the disc.
- Use a finalized CD or correct format disc.

Cannot display some files in USB device

- The number of folders or files in the USB device has exceeded a certain limit. This phenomenon is not a malfunction.
- The formats of these files are not supported.

USB device not supported

- The USB device is incompatible with the unit. Try another one.

Poor radio reception

- Increase the distance between the unit and your TV or VCR.
- Fully extend the FM antenna.

Timer does not work

- Set the clock correctly.
- Switch on the timer.

Clock/timer setting erased

- Power has been interrupted or the power cord has been disconnected.
- Reset the clock/timer.

9 Notice

Any changes or modifications made to this device that are not expressly approved by Philips Consumer Lifestyle may void the user's authority to operate the equipment.



This product complies with the radio interference requirements of the European Community.



Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.



When this crossed-out wheeled bin symbol is attached to a product it means that the product is covered by the European Directive 2002/96/EC.

Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste. Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.



Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed with normal household waste. Please inform yourself about the local rules on separate collection of batteries

because correct disposal helps to prevent negative consequences for the environmental and human health.

Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.) Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

This apparatus includes this label:



This is CLASS II apparatus with double insulation, and no protective earth provided.



“Made for iPod,” “Made for iPhone,” and “Made for iPad” mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance. iPod and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries. iPad is a trademark of Apple Inc.



The making of unauthorized copies of copy-protected material, including computer programs, files, broadcasts and sound recordings, may be an infringement of copyrights and constitute a criminal offence. This equipment should not be used for such purposes.

Note

- The type plate is located on the back of the apparatus.



Specifications are subject to change without notice
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